

Focus Area 20: Occupational Safety and Health

Objective 20-4 targets an overall reduction in work-related pneumoconiosis deaths to no more than 95 deaths among Californians. **NOTE:** This objective's operational definition calls for a reduction in the number of deaths to no more than 1,900 nationally; according to the National Occupational Respiratory Mortality System (NORMS) maintained by the National Institute for Occupational Safety and Health (NIOSH), California accounted for a total of 5.0 percent of all pneumoconiosis deaths in 2000; the proportional target for California was therefore set at $1,900 \times .05 = 95$.

California data show a total of 139 work-related pneumoconiosis deaths in 2000, at a rate of 0.5 per 100,000 population, according to data extracted from the Multiple Cause Of Death files (Figure 20-4, Table 20-4). During 2001 there were a total of 123 deaths at a rate of 0.4 per 100,000, during 2002 there were 126 deaths at a rate of 0.4 per 100,000, and during 2003 there were 132 deaths at a rate of 0.4 per 100,000. The HP2010 objective has not yet been achieved.

California data by race and ethnicity show that the only reliable age-adjusted work-related pneumoconiosis death rate was found for Whites (0.5 per 100,000 population each year 2000-2003). Death rates for all other racial and ethnic populations were unreliable due to the small number of events and are not reported here, with the exception of instances where no work-related pneumoconiosis deaths were reported.

For males, a total of 135 pneumoconiosis deaths were reported in 2000 at a rate of 1.2 per 100,000 population, 118 deaths in 2001 at a rate of 1.0 per 100,000, 121 deaths in 2002 at a rate of 1.0 per 100,000, and 126 deaths in 2003 at a rate of 0.9 per 100,000. Work-related pneumoconiosis deaths for females totaled 4 in 2000, 5 in 2001 and 2002, and 6 in 2003, with unreliable rates in all years due to the small number of events.

For more information on work-related pneumoconioses in California, visit the NIOSH Occupational Respiratory Mortality System Web site at:

<http://webappa.cdc.gov/ords/norms.html>

For more information on Healthy People 2010 objective 20-4, please visit:

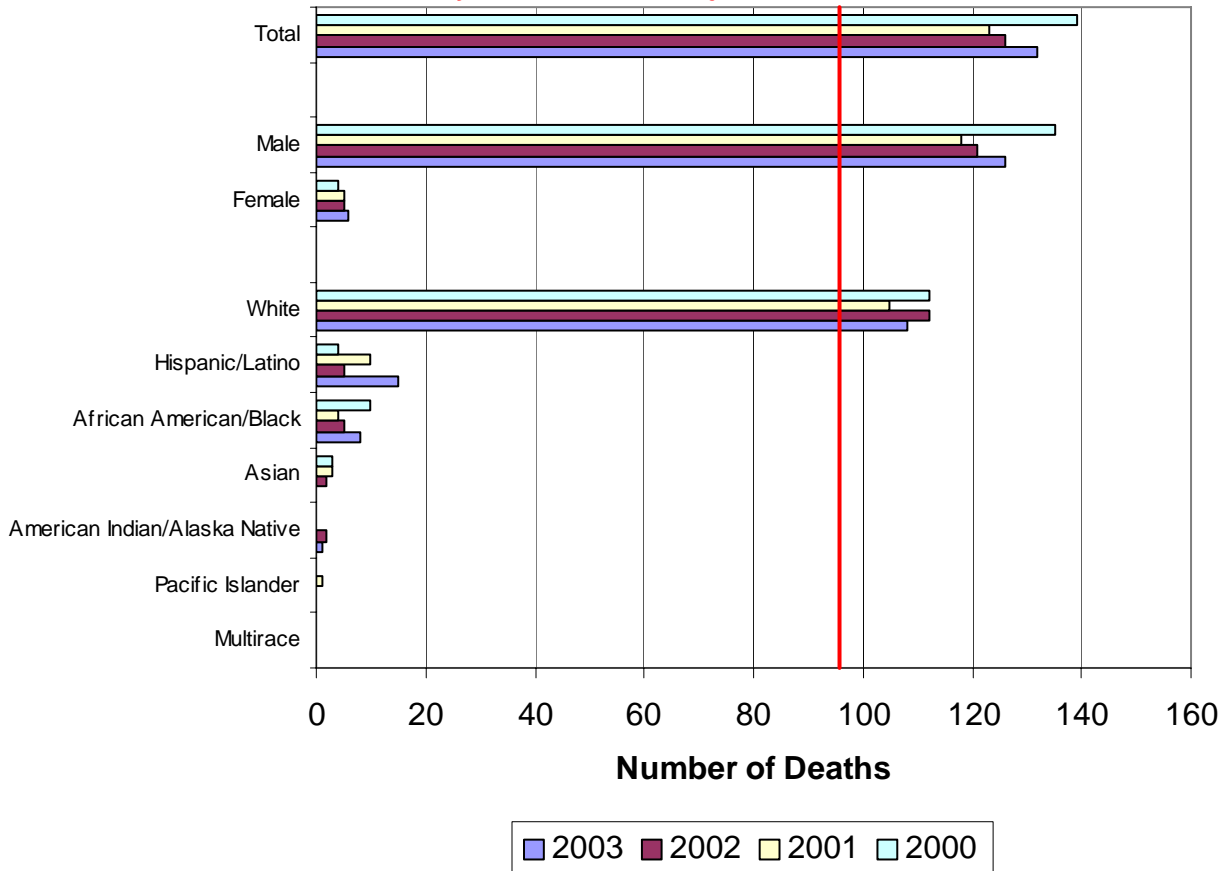
<http://www.healthypeople.gov/Document/HTML/Volume2/20OccSH.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od20.htm>

Figure 20-4
Work-Related Pneumoconiosis Deaths
California, 2000-2003

Healthy California 2010 Objective = 95



**Table 20-4: Work-Related Pneumoconiosis Deaths and Death Rates
California, 2000-2003**

	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target	95				95			
CALIFORNIA TOTAL	139	0.5	0.4	0.6	123	0.4	0.3	0.5
Race-Ethnicity								
African American/Black	10	DSU	-----	-----	4	DSU	-----	-----
American Indian	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Asian	3	DSU	-----	-----	3	DSU	-----	-----
Hispanic/Latino	14	DSU	-----	-----	10	DSU	-----	-----
Pacific Islander	0	0.0	0.0	0.0	1	DSU	-----	-----
White	112	0.5	0.4	0.6	105	0.5	0.4	0.6
Multirace	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Gender								
Female	4	DSU	-----	-----	5	DSU	-----	-----
Male	135	1.2	1.0	1.4	118	1.0	0.8	1.2

	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target	95				95			
CALIFORNIA TOTAL	126	0.4	0.3	0.5	132	0.4	0.3	0.5
Race-Ethnicity								
African American/Black	5	DSU	-----	-----	8	DSU	-----	-----
American Indian	2	DSU	-----	-----	1	DSU	-----	-----
Asian	2	DSU	-----	-----	0	DSU	-----	-----
Hispanic/Latino	5	DSU	-----	-----	15	DSU	-----	-----
Pacific Islander	0	0.0	0.0	0.0	0	0.0	0.0	0.0
White	112	0.5	0.4	0.6	108	0.5	0.4	0.6
Multirace	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Gender								
Female	5	DSU	-----	-----	6	DSU	-----	-----
Male	121	1.0	0.8	1.1	126	0.9	0.8	1.1

SOURCES: CA Department of Health Services, Multiple Cause Of Death Files, 2000-2003; California Department of Finance, *Population Projections for California and Its Counties 2000-2050*, May 2004.

NOTES: Work-related pneumoconiosis deaths defined by ICD-10 codes J60-J66 as an underlying or contributing cause of death; "Injured at Work" item on death certificate coded "Yes" or "Unknown"; HP2010 target derived from National Occupational Respiratory Mortality System data which showed California having 5.0 percent of all pneumoconiosis deaths in 2000; national HP2010 objective = 1,900 deaths; California = 1,900*.05 = 95.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

DSU Data Statistically Unreliable due to small number of events.